



2819

2819

PATENT
450100-03079IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jun MURAYAMA et al.

Serial No. : 09/816,272

Filed : March 23, 2001

For : CODING APPARATUS, CODING METHOD AND RECORDING MEDIUM HAVING CODED PROGRAM RECORDED THEREIN, AND DECODING APPARATUS, DECODING METHOD AND RECORDING MEDIUM HAVING DECODED PROGRAM THEREIN

Art Unit : 2819

745 Fifth Avenue
New York, New York 10151
Tel. (212) 588-0800

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to:
Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, on September 8, 2004

Bruno Polito, Reg. No. 38,580
Name of Applicant, Assignee or
Registered Representative


Signature

September 8, 2004
Date of Signature

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants are filing this Information Disclosure Statement and the accompanying form PTO-1449 along with copies of the prior art therein identified. Such prior art has come to the

attention of applicants by being cited in a Search Report issued in the corresponding European application on July 20, 2004. So far as applicants are aware, this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits.

The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

Please charge any fees incurred by the filing of this document or credit any overpayment to Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By: 

Bruno Polito
Reg. No. 38,580
Tel. (212) 588-0800



Based on Form PTO-1449
(3/90)

ATTY. DOCKET NO.
450100-03079

SERIAL NO.
09/816,272

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Jun MURAYAMA et al.

FILING DATE
March 23, 2001

GROUP
2819

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AB	EP 1 075 088	02/07/01	Europe			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AC	DIVSALAR D ET AL: "SERIAL CONCATENATED TRELLIS CODED MODULATION WITH RATE-1 INNER CODE" GLOBECOM'00. 2000 IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE. SAN FRANCISCO, CA, NOV. 27 - DEC. 1, 2000, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 2 OF 4, 27 November 2000 (2000-11-27), pages 777-782, XP001017192, ISBN: 0-7803-6452-X
	AD	LUCAS R ET AL: "Improved list-decoding for Reed-Muller codes as generalized multiple concatenated (GMC) codes" INFORMATION THEORY, 1998. PROCEEDINGS. 1998 IEEE INTERNATIONAL SYMPOSIUM IN CAMBRIDGE, MA, USA 16-21 AUG. 1998, NEW YORK, NY, USA, IEEE, US, 16 August 1998 (1998-08-16), page 337, XP010296906, ISBN: 0-7803-5000-6
	AE	PELEG M ET AL: "On interleaved, differentially encoded convolutional codes" IEEE TRANSACTIONS ON INFORMATION THEORY, IEEE INC. NEW YORK, US, vol. 45, no. 7, November 1999 (1999-11), pages 2572-2582, XP002185118, ISSN: 0018-9448
	AF	BENEDETTO S ET AL: "Serial concatenated trellis coded modulation with iterative decoding" INFORMATION THEORY. 1997. PROCEEDINGS., 1997 IEEE INTERNATIONAL SYMPOSIUM ON ULM, GERMANY 29 JUNE-4 JULY 1997, NEW YORK, NY, USA, IEEE, US, 29 June 1997 (1997-06-29), page 8, XP010240061 ISBN: 0-7803-3956-8
	AG	BENEDETTO S ET AL: "Serial concatenation of interleaved codes: performance analysis, design and iterative decoding" INFORMATION THEORY. 1997. PROCEEDINGS., 1997 IEEE INTERNATIONAL SYMPOSIUM ON ULM, GERMANY 29 JUNE-4 JULY 1997, NEW YORK, NY, USA, IEEE, US, 29 June 1997 (1997-06-29), page 106, XP010240159 ISBN: 0-7803-3956-8
	AH	DIVSALAR D ET AL: "SERIAL AND HYBRID CONCATENATED CODES WITH APPLICATIONS" INTERNATIONAL SYMPOSIUM ON TURBO CODES, XX, XX, September 1997 (1997-09), pages 80-87, XP001034844
	AI	HO M ED - FARGUES M P ET AL: "Performance bounds for serially-concatenated trellis-coded modulation" SIGNALS, SYSTEMS & COMPUTERS, 1997. CONFERENCE RECORD OF THE THIRTY-FIRST ASILOMAR CONFERENCE ON PACIFIC GROVE, CA, USA 2-5 NOV. 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 2 November 1997 (1997-11-02), pages 1364-1368, XP010280612 ISBN: 0-8186-8316-3
	AJ	KEANG-PO HO ET AL: "Soft-decoding combined trellis-coded quantization/modulation" COMMUNICATION THEORY, vol. 5, 5 December 1999 (1999-12-05), pages 2451-2455, XP010373393
	AK	FRANZ V ET AL: "CONCATENATED DECODING WITH A REDUCED-SEARCH BCJR ALGORITHM" IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, IEEE INC. NEW YORK, US, vol. 16, no. 2, 1 February 1998 (1998-02-01), pages 186-195, XP000741773, ISSN: 0733-8716

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.